

Abstract of the Disclosure

This invention aims to provide a coordinate input apparatus having high detection reliability and high efficiency and to control the influence of the ambient light using a simple structure. The coordinate input apparatus detects a light spot flashing on and off in a predetermined cycle and incident at a desired position on a coordinate input screen, and includes a detection device, consisting of a plurality of photoelectric conversion elements corresponding to N pixels for detecting a coordinate of light spot. The difference between signals from photoelectric elements in a light emission state and in a light non-emission state at each N pixel is found, and the smaller of the difference signals of the m -th pixels in each direction forward and backward from the pixel having the maximum difference signal is set as a threshold value. Effective pixels are identified based on the threshold value, and the coordinate is calculated by using the difference data of the selected effective pixels.

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